BRUHAT BANAGLO HANAGARA PALIKE

Excecutive Engineer Dasarahalli Division

Modified Estimate

Name of work; Desilting and resetting of drain and Re asphalting to MEI Layout New Extension Main Roads and Cross Roads in ward No;14 Bagalagunte

Job Code: 014-18-000061 | Estimate Amount : | 39.20

Sl. No.	Description of Item	Unit / Rate	Nos	Dimensions L	B	D	Quantity	Rate .	Amount
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 (P.No.6 I.No.2.3)								
	MEI Layout								
	For CC Drain								
	10 TH Main MEI Layout	Cum							
	LHS		1	106.60	1.10	1.00	117.26		
	RHS		1	105.80	1.10	1.00	116.38		
	Cross Road 2 RHS								
	LHS		1	82.00	1.10	1.00	90.20		
	Deduct Culverts		-2	4.80	1.10	1.00	-10.56		
	RHS		1	82.00	1.10	1.00	90.20		
	Cross Road-1 LHS								
	RHS		1	28.00	1.10	1.00	30.80		
	Desilting of drain								
	Police Station Road		1	77.00	0.50	0.25	9.63		
	Beside Zonal office		1	95.00	0.90	0.40	34.20		
						Total Quantity	**478.11**		
						Schedule B Quantity	**478.11**		
						Quantity up to 125%	**478.11**	**193.19**	**92365.10**
						Quantity Above 125%	**0.00**		
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (P.13/4.3)								
	MEI Layout	Cum							
	For CC Drain								
	10 TH Main MEI Layout	Cum							
	LHS		1	106.60	1.10	0.15	17.59		
	RHS		1	105.80	1.10	0.15	17.46		
	Cross Road 2 RHS								
	LHS		1	82.00	1.10	0.15	13.53		
	Deduct Culverts		-2	4.80	1.10	0.15	-1.58		
	RHS		1	82.00	1.10	0.15	13.53		

	Cross Road-1 LHS								
	RHS		1	28.00	1.10	0.15	4.62		
						Total Quantity	65.14		
						Schedule B Quantity	65.14		
						Quantity up to 125%	65.14	5506.55	358707.68
3	KSRB 4-6.9 :Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No. 17 / Item No.4.36)								
	MEI Layout	Sqm							
	For CC Drain Raft								
	10 TH Main MEI Layout								
	LHS		2	106.60		0.15	31.98		
	RHS		2	105.80		0.15	31.74		
	Cross Road RHS								
	LHS		2	82.00		0.15	24.60		
	Deduct Culverts		-4	4.80		0.15	-2.88		
	RHS		2	82.00		0.15	24.60		
	Cross Road LHS								
	RHS		2	28.00		0.15	8.40		
	For CC Drain Raft								
	10 TH Main MEI Layout								
	LHS		4	106.60		0.60	255.84		
	RHS		4	105.80		0.60	253.92		
	Cross Road RHS								
	LHS		4	82.00		0.60	196.80		
	Deduct Culverts		-8	4.80		0.60	-23.04		
	RHS		4	82.00		0.60	196.80		
	Cross Road (LHS)								
	RHS		4	28.00		0.60	67.20		
						Total Quantity	1065.96		
						Schedule B Quantity	1065.96		
						Quantity up to 125%	1065.96	386.39	411876.28
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1.4.6								
	MEI Layout	Cum							
	For CC Drain Raft								
	10 TH Main MEI Layout								
	LHS		1	106.60	0.90	0.15	14.39		
	RHS		1	105.80	0.90	0.15	14.28		
	Cross Road-2 (RHS)								

	LHS		1	82.00	0.90	0.15	11.07		
	Deduct Culverts		-2	4.80	0.90	0.15	-1.30		
	RHS		1	82.00	0.90	0.15	11.07		
	Cross Road-1 (LHS)								
	RHS		1	28.00	0.90	0.15	3.78		
	For CC Drain Raft								
	10 TH Main MEI Layout								
	LHS		2	91.60	0.15	0.60	16.49		
			2	15.00	0.15	1.00	4.50		
	RHS		2	105.80	0.15	0.60	19.04		
	Cross Road-2(RHS)								
	LHS		2	72.00	0.15	0.60	12.96		
			2	10.00	0.15	0.95	2.85		
	Deduct Culverts		-4	4.80	0.15	0.60	-1.73		
	RHS		2	82.00	0.15	0.60	14.76		
	Cross Road-1 (LHS)								
	RHS		2	28.00	0.15	0.60	5.04		
	Beside Zonal Office		1	51.00	0.20	0.10	1.02		
			1	3.60	0.20	0.10	0.07		
	Ramp of house		3	8.50	0.90	0.15	3.44		
			1	8.40	0.95	0.15	1.20		
						Total Quantity	132.94		
						Schedule B Quantity	132.93		
						Quantity up to 125%	132.93	6107.71	811897.89
5	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (TMT bars FC 500)(P.18/4.46.2) **Issue rate date : 02.11.2021 till now**								
		Tonnes							
	For Drain						7975.80		
	Qty @60Kg/Cum		132.93	60.00			7.98		
						Total Quantity	7.98		
						Schedule B Quantity	7.98		
						Quantity up to 125%	7.98	94348.47	752900.79
6	Providing and and fixing Precast Concrete slab 10 CM thick witth all lead and lift as per specification (Data Rate Approved) 2018-19								
	MEI Layout	Sqm							
	For CC Drain								
	10 TH Main MEI Layout								
	From Police Statiom Road								
	LHS		1	14.80	0.90		13.32		
			1	9.85	0.90		8.87		
			1	19.30	0.90		17.37		
			1	19.80	0.90		17.82		

	Cross Road (LHS)								
	RHS		1	28.00	0.90		25.20		
	10 TH Main MEI Layout								
	RHS		1	11.50	0.90		10.35		
			1	8.50	0.90		7.65		
			1	8.50	0.90		7.65		
			1	26.18	0.90		23.56		
	Cross Road 2								
	LHS		1	2.50	0.90		2.25		
			1	5.40	0.90		4.86		
			1	9.50	0.90		8.55		
	RHS		1	9.30	0.90		8.37		
			1	6.80	0.90		6.12		
			1	5.80	0.90		5.22		
			1	18.00	0.90		16.20		
			1	7.35	0.90		6.62		
	Police station Road		1	77.00	0.90		69.30		
	Beside Zonal office		85	1.50	0.60		76.50		
			6	1.20	0.60		4.32		
			Total Quantity				**340.09**		
			Schedule B Quantity				340.70		
			Quantity up to 125%				**340.09**	2379.53	809259.12
7	Transportation & disposing off the excavated earth obtained from side drains and high burns an either side of the road 2 km lead								
	Total Quantity as item no;1	Cum					478.11		
	Qty as EIRL Item 2						8.19		
							486.30		
						Schedule B Quantity	**491.28**		
						Quantity up to 125%	486.30	87.21	42409.79
	EIRL ITEMS								
E-1	Removing and Resetting of Footpath slab(Approved data Rate)								
	10 th cross								
	LHS	Sqm	1	8.60	0.90		7.74		
			1	27.40	0.90		24.66		
			1	8.15	0.90		7.34		
	RHS		1	19.50	0.90		17.55		
			1	18.35	0.90		16.52		
			1	13.00	0.90		11.70		
	Cross Road LHS		1	9.80	0.90		8.82		
			1	30.30	0.90		27.27		
			1	13.30	0.90		11.97		
	RHS		1	2.40	0.90		2.16		
			1	3.70	0.90		3.33		
			1	27.30	0.90		24.57		
			1	1.80	0.90		1.62		
						Total	165.24	231.69	38284.46
	Basic Rate	235.00							
	Deduct T P @1.41%	3.31							
	Total	231.69							

... at train and Re asphalting

	Description of Item	Unit / Rate	Nos	Dimensions L	B	D	Quantity	Rate .	Amount
2	Demolishing cement concrete manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-charge. (.P-163/I-19.2.11)								
	10 th cross								
	Beside Zonal office		1	54.60	1.50	0.10	8.19		
						Total	8.19	1381.64	11316
	Basic Rate	1274.00							
	Area Weightage @10%	127.40							
	Total Rate	1401.40							
	Deduct TP below1.41%	19.76							
		1381.64							
									3329016
								Total Rs	3330108
								GST @18 %	599419
									3929527

Tender Amount Rs	3508831
GST @ 12 % Rs	421060
	3929890.17

Total 3329016=00
GST@18% 599223=01
Grand Total in 39,28,239=01 3928839

Assistant Engineer
Ward No.14

Assistant Executive Engineer
Dasarahalli Sub-Division

Executive Engineer
Dasarahalli Division

Technically Sanctione for Rs. 33.30 lakhs/-
Rs. In words Rs. Thirty three lakhs thirty thousand one hundred & Eight Rupees only/-
Under 12-0224
Job Code No. 014-18-000076
Registered as CE No. 05/2023-24 Subject to conditions contained in Enclosed Memo No CE/D2/TS/05/2023-24 Dt. 27/09/2023
AE/JE
CE(D)